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Result
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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Match Length
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1. /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2. /cgn2_6/ptodata/1/ina/5B_COMB.seq:*

3. /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4. /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5. /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6. /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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US-09-064-703-9

US-09-064-703-9

US-09-064-703-5

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US-09-064-703-1

US-09-949-016-15936

US-09-949-016-15636

US-09-949-016-15636

US-09-949-016-110636

US-09-949-016-110636

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Sequence 13185, A
Sequence 13187, A
Sequence 13188, A
Sequence 16335, A
Sequence 16335, A
Sequence 1, Appli
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Sequence 8, Appli
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Sequence 5, Appli
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Sequence 20, Appli
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	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
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ALIGNMENTS	US-09-949-016-12541	US-09-949-016-13501	US-09-949-016-13453	US-09-949-016-16286	US-10-007-010-10	US-09-949-016-59002	US-09-949-016-59001	US-09-949-016-11930	US-09-768-185A-1	US-09-949-016-14624	US-09-949-016-11980	US-08-311-731A-132	US-09-949-016-16800	US-09-902-540-600	US-09-165-042-2	US-09-326-203A-14	US-09-489-039A-2409	US-09-902-540-6941
	Sequence 12541, A	Sequence 13501, A	Sequence 13453, A	Sequence 16286, A	Sequence 10, Appl	Sequence 59002, A	Sequence 59001, A	Sequence 11930, A	Sequence 1, Appli	Sequence 14624, A	Sequence 11980, A	Sequence 132, App	Sequence 16800, A	Sequence 600, App	Sequence 2, Appli	Sequence 14, Appl	Sequence 2409, Ap	Sequence 6941, Ap

#### Ş ; NAME/KEY: CDS ; LOCATION: (945)..(1229) US-09-620-312D-625 APPLICANT: Drmanac, Radoje T. TITLE OF INVENTION: No. 6569662el Nucleic Aci TITLE OF INVENTION: Polypeptides FILE REFERENCE: 784CIP2B CURRENT APPLICATION NUMBER: US/09/620,312D CURRENT FILING DATE: 2000-07-19 PRIOR APPLICATION NUMBER: 09/552,317 PRIOR FILING DATE: 2000-04-25 PRIOR APPLICATION NUMBER: 09/488,725 PRIOR APPLICATION NUMBER: 09/488,725 PRIOR FILING DATE: 2000-01-21 NUMBER: 09/552,317 US-09-620-312D-625 APPLICANT: Tang, Y. Tom APPLICANT: Liu, Chenghua APPLICANT: Asundi, Vinod APPLICANT: Zhang, Jie APPLICANT: Ren, Feiyan APPLICANT: Chen, Rui-hong PRIOR FILING DATE: 2000-01-21 NUMBER OF SEQ ID NOS: 1105 SOFTWARE: pt\_fl\_genes Version 1.0 SEQ ID NO 625 LENGTH: 1878 Sequence 625, Application US/09620312D Patent No. 6569662 GENERAL INFORMATION: Matches Query Match Best Local Similarity APPLICANT: TYPE: DNA ORGANISM: Homo sapiens FEATURE: 45; Ŋ GCTGCATCTTTTTCTATGCTCTCCCTGCTGGCGCGCTGATGGGAGATACAG 50 Asundi, Vinod Zhang, Jie Ren, Felyan Chen, Rui-hong Zhao, Oing A. Wehrman, Tom Xue, Aidong J. Yang, Yonghong Wang, Yonghong Wang, Ping Mang, Dunrui Wang, Dunrui Wang, Zhiwei John Tillinghast Conservative 85.2**%**; ; Score 42.6; DB 4; Pred. No. 9.6e-07; 0; Mismatches 4; Nucleic Acids Length 1878; Indels

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464 GCTGCATCCTTTTCTATGCTCTCCCTGCTGGTGATAATGGGAGATACAG

512

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US-09-949-016-13187
; Sequence 13187, Application US/09949016
; Patent No. 6812339
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                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-13186
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US-09-949-016-13186
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                                                                  RESULT 4
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 000-09-08
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13185
LENGTH: 251769
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patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES
FILE REFERENCE: CL001307
                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 13186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 13186, Application US/09949016
Patent No. 6812339
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                               157799 ATCTGTTTTATGTTTCCTTGCTGCACTTGCTGGGAGATTTAG 157842
                                                                                                                                                                                                                                     Local Similarity
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Pred. No. 31;
0; Mismatches
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Pred. No. 31;
0; Mismatches
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASS
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF
FILE REFERENCE: CL001307
CURRENT FILING DATE: 2000-04-14
FRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,756
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
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; ORGANISM: Human
US-09-949-016-13188
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; Sequence 13188, Application US/09949016
; Patent No. 6812339
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US-09-949-016-13187
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                                                                                                                                                     US-09-949-016-16335
                                                                                                                                                                            RESULT 6
              GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 13188
LENGTH: 266748
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                      Sequence 16335, Application US/09949016 Patent No. 6812339
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 207012
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                                                                                                                                                                                                                                              157764 ATCTGTTTTATGTTTTCCTTGCTGCACTTGCTGGGAGATTTAG 15780
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32; Conserv
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Pred. No. 31
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Pred. No. 3
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OF DETECTION AND USES THEREOF
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RESULT 8
US-09-103-840A-2
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US-09-949-016-16782
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, NAME/KBY: misc_feature
; LOCATION: (1)...(87190)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-16335
                                                                                                                                                                                                                                                                                                                     US-09-949-016-16782
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
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PRIOR FILING DATE: 2000-10-20
PRIOR PPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PastSEQ for Windows Version 4.
Sequence 2, Application US/09103840A PATENT NO. 6294328
GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                         Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(8044)
OTHER INFORMATION: n = 1
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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TYPE: DNA
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Similarity 78.4%;
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72.1%;
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Pred. No. 28;
0; Mismatches
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Pred. No. 3
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US-09-064-703-8/c
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US-09-103-840A-1
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                                                                                                                                           Sequence 8, Application US/09064703 Patent No. 6033894
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Best Local :
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GENERAL INFORMATION:
APPLICANT: Craik, Charles S.
APPLICANT: Unal, Ayce
APPLICANT: Gamem, Donald S.
TITLE OF INVENTION: Kaposi's Syndrome Herpesvirus
TITLE OF INVENTION: Protease and Assembly Protein
TITLE OF INVENTION: Methods
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, JOHN C.
TITLE OF INVENTION: TUBERCULOSIS
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 198-06-24
NUMBER OF SEQ ID NOS: 2
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NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
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CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
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TITLE OF INVENTION: DNA SEQUENCES
TITLE OF INVENTION: TUBERCULOSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 4411529
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
OTHER INFORMATION: H37Rv
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OTHER INFORMATION: "n" bases
OTHER INFORMATION: represent
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73.2%;
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Pred. No. 1.8e+02;
0; Mismatches 11
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                             Compositions and
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STREET: F.C.
CITY: Palo Alto
TMATE: CA
TMARE: TMARE

COUNTRY:

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850

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US-09-064-703-8
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Best Local Similarity
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Patent No. 6033894
                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/044,152 FILING DATE: 22-APR-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/064,703 FILING DATE: 22-APR-1998 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                  APPLICANT: Unal, Ayce
APPLICANT: Unal, Ayce
APPLICANT: Ganem, Donald E.
TITLE OF INVENTION: Kaposi's Syndrome Herpesvirus
TITLE OF INVENTION: Protease and Assembly Protein Compositions and
TITLE OF INVENTION: Methods
TITLE OF GROUENCES: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Wir
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MEDIUM TYPE: Diskett
SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: US/09/064,703 FILING DATE: 22-APR-1998 PRIOR APPLICATION NUMBER: 60/044,152
                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IEM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 650-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Petithory, Joanne R
REGISTRATION NUMBER: P42,995
REFERENCE/DOCKET NUMBER: 2002
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                                                                                          COMPUTER: IBM COMPONENTING SYSTEM:
                                                                                                                                                                                                                STREET: P.O. Bos
CITY: Palo Alto
                                                                                                                                                               ZIP: 94306
                                                                                                                                                                                 COUNTRY:
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                                                                                                                                                                                   USA
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O. Box 60850
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 22.8;
Pred. No. 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 3;
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; CLONE: KSHV Pr/AP polyprotein coding sequence US-09-064-703-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                    TELEFAX: 650-324-0960 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 915 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                          COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
OPTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,703
FILING DATE: 22-APR-1998
FRIOR APPLICATION DATA:
FILING DATE: 60/044.152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 22-APR-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/044,152
FILING DATE: 22-APR-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEB: Dehlinger & Associates
STREET: P.O. Box 60850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
                                   IMMEDIATE SOURCE:
                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 650-324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: P42
REFERENCE/DOCKET NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLONE:
                                                             LENGTH: 1590 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                     NAME: Petithory, Joanne R
REGISTRATION NUMBER: P42,995
REFERENCE/DOCKET NUMBER: 2002-0002.30
                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE:
                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CGCTGCATCTTTTCTATGCTCTCCCTGCTGGCGCTGATGGGAGATACAG 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                           94306
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               KSHV AP coding sequence including SEQ ID NO:3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    650-324-0960
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Charles S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kaposi's Syndrome Herpesvirus
Protease and Assembly Protein Compositions and
Methods
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Pred. No. 3
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US-09-064-703-5/c
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Best Local Similarity 66.0
                                                                                           Sequence 4, Application US/09064703
Patent No. 6033894
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/09/064,703
FILING DATE: 22-APR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/044,152
FILING DATE: 22-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Petithory, Joanne R
REGISTRATION NUMBER: 923,995
REFERENCE/DOCKET NUMBER: 2002-0002.30
TELECOMMUNICATION INFORMATION:
TETITORIONEY. ASCALLAGE 10002
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Best Local Similarity
GENERAL INFORMATION:
APPLICANT: Craik, Charles S
APPLICANT: Unal, Ayce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPAX: 650-324-0960 INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
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APPLICANT: Unal, Ayce
APPLICANT: Unal, Ayce
APPLICANT: Ganem, Donald E.
TITLE OF INVENTION: Kaposi's Syndrome Herpesvirus
TITLE OF INVENTION: Protease and Assembly Protein Compositions and
TITLE OF THE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IMMEDIATE SOURCE:
CLONE: KSHV Pr/AP polyprotein including SEQ ID NO:3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: P.U. CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 1605 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                               ; Score 22.8; Di
; Pred. No. 42;
0; Mismatches
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RESULT 15
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,703
FILING DATE: 22-APR-1998
PRIOR APPLICATION NUMBER: 60/044,152
FILING DATE: 22-APR-1997
APPLICATION NUMBER: 60/044,152
FILING DATE: 22-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Petithory, Joanne R
REGISTRATION NUMBER: P42,995
REGISTRATION NUMBER: 2002-0002.30
                                                                                                                                                                                                                                                                                                                                                       sequence 17, Application US/08770379
Patent No. 5849564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650-324-0960
INFORMATION FOR SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compati
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ganem, DO
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                           APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IMMEDIATE SOURCE:
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MEDIUM TYPE: Diskett
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CORRESPONDENCE ADDRESS:
ADDRESSEB: Dehlinger & Associates
                                                                                                       STREET: 1185 AV
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: P.O. BOX
CITY: Palo Alto
STATE: CA
                                                                                      COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
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                                                                                                       New York
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                                                                                                                                         E: Cooper & Dunham LLP
1185 Avenue of the Americas
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Protease and Assembly Protein Compositions
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Pred. No. 4:
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Searched:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score
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1: /cgn2_6/ptodata/1/pubpna/US07
2: /cgn2_6/ptodata/1/pubpna/PCT_N
3: /cgn2_6/ptodata/1/pubpna/US06_3: /cgn2_6/ptodata/US06_3: /
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/cgn2_6/ptodata/1/pubpna/US07_NEW PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US08_NEW PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US08_NEW PUB.seq:*
/cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*
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_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
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                              US-10-198-846-1775

US-10-198-846-8657

US-10-037-270-625

US-10-117-722-625

US-10-723-860-6888

US-10-723-860-2812

US-10-723-860-2812

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US-10-355-716-74
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                           Sequence 76, Appl
Sequence 71, Appl
Sequence 175, Appl
Sequence 8657, Ap
Sequence 625, Appl
Sequence 625, Appl
Sequence 628, Ap
Sequence 11013, Ap
Sequence 2812, Ap
Sequence 41104, A
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•	•	22.4	•	22.6	22.6	22.6				23	23	23	23.2	23.2	23.4	23.4	23.4			23.4	23.4	23.4	23.4			23.8	24.4	24.4	24.4	24.4	24.4	24.4	24.4
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		US-10-027-632-1			US-10-271-416-8	US-10-087-192-1036	US-10-052-482-61	US-10-424-599-63356	US-10-282-122A-25599	US-09-263-959-1	US-10-437-963-35252	US-10-437-963-74487	US-10-437-963-91254	-10	US-10-741-601-5629	-10	US-10-468-356-648	•	占	Ľ	US-10-057-475B-10475	US-10-282-122A-28198	US-10-282-122A-26603	US-10-767-701-11352	09-983-965-2915	US-10-437-963-44785		占		L	L	-632-	US-10-027-632-270904
		194904,	e 6815,		8, Api	103		633						95536	Sequence 5629, Ap	520,	648,	648,		10475,	10475,	28198		e 1135	2915, 🏞		1170,						Sequence 270904,

#### ALIGNMENTS

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NESULT 1

US-10-355-716-76

Sequence 76, Application US/10355716

Publication No. US20030216339A1

Publication No. US20030216339A1

APPLICANT: Cynader, Max

Prasad, Shiv

TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL

PLASTICITY AND METHODS RELATED THERETO

NUMBER OF SEQUENCES: 132

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group FILC

STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATUS: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER, TABLE FORM:

MEDIUM TYPE: Ploppy disk

COMPUTER, IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRINT APPLICATION NUMBER: US/10/355,716

FILING DATE: 31-Jan-2003

PRIOR APPLICATION NUMBER: US/9/301,507

FILING DATE: 28-Apr-1999

ATTORNEY, AGENT INFORMATION:

NAME: Potter, Jane B. R.

REGISTRATION NUMBER: 33,332

REGERRENCE/DOCKET NUMBER: 230018.401C1

TELECOMMUNICATION INFORMATION:
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TELEFAX: (206) 61 INFORMATION FOR SEQ ID NO:

TELEPHONE:

(206) 622-4900

682-6031

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; SEQUENCE DESCRIPTION: SEQ ID NO: 76: US-10-355-716-76
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Publication No. US20030216339A1
                                                                         Matches
                                                                                             Best Local
                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:

NAME: POTTER: Jane E. R.

REGISTRATION NUMBER: 33,332

REFERENCE/DOCKET NUMBER: 230018.401C1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/301,507
FILING DATE: 28-Apr-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 132 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO
                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 74:
                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
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Prasad, Shiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                           Similarity
                       CGCTGCATCTTTTTCTATGCTCTCCCTGCTGGCGCTGATGGGAGATACAG 50
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/355,716 FILING DATE: 31-Jan-2003 CLASSIFICATION: <Unknown>
                                                                                                                                                                                        STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                            LENGTH: 336 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                         TELEFAX: (206)
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                                                                         Conservative
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                                                                                           100.0%;
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100.0%; Pred. No. 6.6e-10;
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                                                                                           Score 50; DB 17;
Pred. No. 6.9e-10;
                                                                         Mismatches
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US-10-198-846-1775
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                                                                            US-10-198-846-8657
                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 8657
LENGTH: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 8657, Application US/10198846 Publication No. US20030099974A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Publication No. US201
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1775, Application US/10198846 Publication No. US20030099974A1
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Matches
                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lillie, James
APPLICANT: Ku, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lillie, James APPLICANT: Xu, Yongyao
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                                                                                            NAME/KEY: misc feature
LOCATION: 2, 7, 404, 454
OTHER INFORMATION: n = A
                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
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ORGANISM: Homo sapiens
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45;
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Conservative
                  85.2%;
91.8%;
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                                                                                                A,T,C or
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                  Score 42.6; DB 14
Pred. No. 6.4e-07;
                    Pred.
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Pred. No. 2.5e-07;
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  Mismatches
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                                      DB 14;
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  Indels
                                    Length 455;
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TYPE: DNA ORGANISM: Homo sapiens
FEATURE:
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CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: DE FL_genes Version 1.0
                                                                                                                                                                                                                      Sequence 625, Applic
Publication No. US20
GENERAL INFORMATION:
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Best Local 9
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                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
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CURRENT APPLICATION NUMBER: US/10/117,722
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
                                                                        APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030219744A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2BCIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wang, Zhiwei
APPLICANT: Tillinghast, John
APPLICANT: Drmanac, Radoje T.
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030104529A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
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LOCATION: (945)..(1229)
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
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Xue, Aidong J.
Yang, Yonghong
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Zhang, Jie
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Wang, Dunrui
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Chen, Rui-hong
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o. US20030219744A1
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o. US20030104529A1
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di, Vinod
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91.8%;
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Pred. No. 8.1e-07;
0; Mismatches 4;
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US-10-723-860-6888
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PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pt FL_genes Version 1.0
SEQ ID NO 625
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Best Local :
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Matches 45; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                            APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
IITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcom FILE REFERENCE: 05882 0193.NPUSOI CURRENT APPLICATION NUMBER: US/10/723,860 CURRENT FILING DATE: 2003-11-26 PRIOR APPLICATION NUMBER: 60/429,739 PRIOR PLICATION NUMBER: 60/429,739 PRIOR FILING DATE: 2002-11-26 PRIOR FILING DATE: 2002-11-26 PRIOR FILING DATE: 2002-11-26 PRIOR PLICATION NUMBER: 60/429,739 PRIOR FILING DATE: 2002-11-26 PRIOR PRI
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APPLICANT: Ginsl
APPLICANT: Zloti
TURRENT APPLICATION NUMBER: US/10/198,846
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NAME/KEY: misc feature
LOCATION: (650)..(669)
OTHER INFORMATION: n is a,
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ORGANISM: Homo sapiens
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LOCATION: (945)..(1229)
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Local Similarity 91.8%;
es 45; Conservation
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Pred. No. 8.1e-07;
0; Mismatches 4;
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Pred. No. 8.1e-07;
0; Mismatches 4
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PREVENTION,
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RESULT 10
US-10-425-115-44104
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; SEQ ID NO 2812
; LENGTH: 1872
; TYPE: DIA
; ORGANISM: Homo sapiens
US-10-723-860-2812
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                                                                                     Sequence 44104, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
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Best Local Similarity
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Sequence 2812, Application US/10723860
Publication No. US20040253606A1
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APPLICANT: La Rosa, Thomas
APPLICANT: Kovalic, David
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Aziz, Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Zlotnik, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions
TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUSC.
TURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 8393
SOFTWARE: Data---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/429,739 PRIOR FILING DATE: 2002-11-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 14084
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LOCATION: 2048, 2049, 2050, 2051,
LOCATION: 2058, 2059, 2060, 2061
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: 1, 2, 3, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, LOCATION: 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, LOCATION: 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1860, 2009, LOCATION: 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047

COTHER INFORMATION: n = A,T,C or G
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GCTGCATCTTTTTCTATGCTCTCCCTGCTGGCGCGCTGATGGGAGATACAG 50
                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                       82.0%;
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Pred. No. 3
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3.5e-06;
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RESULT 12
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US-10-425-115-44104
                                                                                                                                                                                                   US-10-027-632-270903
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                                                                                                                         Query Match
Best Local S
Matches 31
                                                                                                                                                                                                                                                                       SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 270903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 270903, Application US/10027632 Publication No. US20020198371A1
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Best Local :
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LENGTH: 449
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PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of TITLE OF INVENTION: Polymorphisms in the Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants FILE REFERENCE: 38-21(53222)B
                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US 60/146,002
                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/167,363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 108827.129
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ORGANISM: Zea mays
FEATURE:
                                                                                                                                                                                                                    ORGANISM: Human
                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                                                                                    LENGTH: 535
                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1999-09-28
                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-11-23
                                                     224 CTTTTTGTACTATACTCACCCTTCTCGTGATGATGTGAGATA 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          131 CTTGTTCTATGCTCTGCCTGCTAGCGCTGCAGAGAG
                                                                         6 CATCTITITCTATGCTCTCCCTGCTGGCGCTGATGGGAGATA 47
                                                                                                                           31;
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                                                                                                                                            Similarity
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                                                                                                                             Conservative
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                                                                                                                                          Score 24.4;
Pred. No. 12,
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Pred. No. 1
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US-10-027-632-270904 Sequence 270904, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:

APPLICANT: Wang, Dar TITLE OF INVENTION: TITLE OF INVENTION:

David G. ON: Identification and Mapping of Single Nucleotide ON: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30

2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006 PRIOR FILING DATE: 2000-07-12

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224 CTTTTTGTACTATACTCACCCTTCTCGTGATGATGTGAGATA 265

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LENGTH: 535
TYPE: DNA
ORGANISM: Human
US-10-027-632-270903
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; ORGANISM: Human
US-10-027-632-270904
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                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 270903
                                                                  Matches
                                                                                Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILLING DATE: 1999-08-09
NUMBER OF CONT.
                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR PRIOR APPLICATION NUMBER: US 60/156,358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
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PRIOR
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PRIOR FILING DATE: 2000-07-12
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CURRENT FILING DATE: 2002-04-30
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FILING DATE: 1999-09-28
APPLICATION NUMBER: US 60/146,002
FILING DATE: 1999-08-09
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APPLICATION NUMBER: US 60/167,363
FILING DATE: 1999-11-23
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                                                                31;
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6 CATCTITITCTATGCTCTCCCTGCTGGCGCTGATGGGAGATA 47
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llarity 73.8%;
Conservative
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73.8%;
                                                            Score 24.4; D
Pred. No. 12;
0; Mismatches
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Pred. No. 12
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                                                                                                   DB 17;
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                                                              11;
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                                                              Indels
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                                                                   CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR PPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR PPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1090-02-34
PRIOR PILING DATE: 1999-11-33
PRIOR PILING DATE: 1999-11-33
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
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US-10-027-632-276700/c
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US-10-027-632-270904
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SEQ ID NO 270904
LENGTH: 535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 276700, Application US/10027632 Publication No. US20020198371A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 270904, Application US/10027632 Publication No. US20030204075A9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/146,002 PRIOR FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
                      NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
NO 276700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 1999-09-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             224 CTTTTTGTACTATACTCACCCTTCTCGTGATGATGTGAGATA 265
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6 CATCTTTTCTATGCTCTCCCTGCTGGCGCTGATGGGAGATA 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                  1999-08-09
OS: 325720
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73.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11,
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Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                            OM nucleic - nucleic search, using sw model
                       Scoring table:
                                                                                                                                                                                          Run on:
IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                         Pebruary 9, 2005, 15:18:20; Search time 54.809 Seconds (without alignments) 2686.875 Million cell updates/sec
                                                                                     US-09-301-507-74_COPY_1_90
90
                                                              CGCTGCATCTTTTCTATGC.....TNTCATGATCGACTCGGACC
                                                                                                                                                                                                                                                                                      GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
                                                                90
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Searched: Total number of hits satisfying chosen parameters: 1202784 seqs, 818138359 residues 2405568

Minimum DB Maximum DB seq length: 0 seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq:\*

2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq:\*

3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*

4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*

5: /cgn2\_6/ptodata/1/ina/PCTUS\_COMB.seq:\*

6: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

000	0 0	Result
2254 2254 2265 2265 2265 2265 2265 2265	54001	ult No.
NN	24.2 27.6 26.8 26.8	Score
29.8 29.8 29.8 29.8 20.6 20.6 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	99901	Query Match
8888000044256327061136	1878 449 684 1362	Length
· · · · · · · · · · · · · · · · · · ·	4444	DB
09-489-039A-442 -09-103-840A-2 -09-103-840A-1 09-949-016-5011 09-949-016-1108 08-819-825-1 09-949-016-1419 09-949-016-1419 09-949-016-1434 09-949-016-1435 09-949-016-1692 09-949-016-1692 09-949-016-1693	US-09-620-312D-625 US-09-621-976-14464 US-09-621-976-14463 US-09-489-039A-4463 US-09-711-164-178 US-09-489-039A-4437	ID
e 4420, e 17, 18 50118 50118 15856 13086 1	Sequence 625, App Sequence 14464, A Sequence 4463, Ap Sequence 178, App Sequence 4437, Ap	Description

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Gaps

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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	
24.8	24.8	25.2	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.8	25.8	25.8	25.8	
27.6	27.6	28.0	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.4	28.7	28.7	28.7	28.7	
601	601	163022	92155	86380	134242	134242	134242	134241	134140	97989	601	18112	529885	529885	529885	529885	
4	4	4	4	4	4	4	4	4	4.	4	4	4	4.	4	4	4	
US-09-949-016-185804	US-09-949-016-185803	US-09-949-016-16515	US-09-949-016-17484	US-09-949-016-14837	US-09-949-016-15815	US-09-949-016-15814	US-09-949-016-15813	US-09-949-016-12424	US-09-949-016-12672	US-09-949-016-13208	US-09-949-016-50119	US-09-949-016-13648	US-09-949-016-14347	US-09-949-016-14346	US-09-949-016-14345	US-09-949-016-14344	
Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	
185804,	185803,	16515, A	17484, A	14837, A	15815, A	15814, A	15813, A	12424, A	12672, A	13208, A	50119, A	13648, A	14347, A	14346, A	14345, A	14344, A	

#### ALIGNMENTS

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; TYPE: DNA;
; ORGANISM: Homo sapiens;
; FEATURE:
; NAME/KEY: CDS;
; LOCATION: (945)..(1229)
US-09-620-312D-625
                                                                                                                                                                                                                                                                              APPLICANT: Drmanac, Radoje T.
ITILE OF INVENTION: No. 659962el Nucleic Acids and
ITILE OF INVENTION: No. 659962el Nucleic Acids and
ITILE OF INVENTION: No. 659962el Nucleic Acids and
ITILE REPERRNCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILLNG DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1
US-09-620-312D-625
                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt FL genes Version 1.0
SEQ ID NO 625
LENGTH: 1878
Query Match 71.3%;
Best Local Similarity 89.9%;
Matches 80; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 625, Application US/09620312D Patent No. 6569662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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Liu, Chenghua
Asundi, Vinod
Zhang, Jie
Ren, Feiyan
Chen, Rui-hong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wehrman, Tom
Xue, Aidong J.
Yang, Yonghong
Wang, Jian-Rui
Zhou, Ping
Ma, Yunging
Mang, Dunrui
Wang, Zhiwei
John Tillinghast
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Zhao, Qing A.
Wehrman, Tom
Score 64.2; DB 4; Length 1878;
Pred. No. 8.8e-15;
0; Mismatches 8; Indels 1
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GACAGCTCGTNTCATGATCGACTCGGACC

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US-09-621-976-14464
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             Sequence 178, Application US/09711164
Patent No. 6589738
GENERAL INFORMATION:
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Patent No. 6610836
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GENERAL INFORMATION:
                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
SEQ ID NO 4463
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SEQ ID NO 14464
                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Glordano, J.Y.
TITLE OF INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET:054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: GATY Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: ENEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 19335
APPLICANT:
                                                                                                                                                                                                                                                                                                LENGTH: 684
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                                                                                                                                                                                                                                 Local
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                                                                                                                                         473
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 303 GACGGTC 309
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                                                                                                                                                              17 ATGCTCTCCCTGCTGGCGCTGATGGGAGATACAGACAGCAAAAACGGACAGCTCG 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                23 TCCCTGCTGCCGCTGATGGGAGATACAGACAGCAAAACGGACAGCTCGTNTCATGATCGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42;
                                                                                                                                                                                                                                 Similarity
                                                                                                                                       ATGGGCGACGTGCTGTCGCTGATTGAAGATATCGAGAGCAAGGTTGACCGCGCG 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CTCGGAC 89
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                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                               Score 26.8;
Pred. No. 2.
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                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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                                                                                                                                                                                                                                                 DB 4;
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                                                                                                                                                                                                              17;
                                                                                                                                                                                                                                                Length 684;
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SEQ ID NO 178
LENGTH: 1362
                                                                                                                                                                                                                            Sequence 4420, Application US/09489039A Patent No. 6610836 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 4437
LENGTH: 1386
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
NUMBER OF SEQ ID NOS:
SEQ ID NO 4420
LENGTH: 1560
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Gary Breton et. al
APPLICANT: GARY BRETON et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PREUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4437, Application US/09489039A Patent No. 6610836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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                                                      APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
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CURRENT FILING DATE: 2000-11-09
PRIOR APPLICATION NUMBER: US 60/164415
PRIOR FILING DATE: 1999-11-9
NUMBER OF SEQ ID NOS: 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/489,03:
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
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TITLE OF INVENTION: GENES ESSENTIAL FOR MICROBIAL PROLIFERATION AND ANTISENSE THERETY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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LOCATION: (1)...(1362)
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ORGANISM: Escherichia coli
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37; Conserv
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Pred. No. 3;
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APPLICANT: VENTER, John C.
TITLE OF INVENTION: DAM SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
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US-09-103-840A-2
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                                                      US-09-103-840A-1
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Query Match
Best Local Similarity
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                                                                                                                                                                      APPLICANT: WHITE, Owen R.
APPLICANT: FRASER, Claire M.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007-00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                               APPLICANT: FLEISCHMAN, Robert D. APPLICANT: WHITE, Owen R.
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                                                           LENGTH: 4411529
TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
OTHER INFORMATION: H37Rv
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OTHER INFORMATION:
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Score 26.8;
Pred. No. 78;
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Pred. No. 78;
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Pred. No. 3.2;
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; ORGANISM: Human
US-09-949-016-50118
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US-09-949-016-50118
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15856
                                                                       Matches
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                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                      FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/231,498 PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                            TYPE: DNA ORGANISM: Human
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Pred. No. 2.5;
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                                                                                      Score 26.4; DB 4; Pred. No. 9.5;
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OF DETECTION AND USES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Human
US-09-949-016-13080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-949-016-13080/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/08819825 Patent No. 5866118
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 6812339
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION: APPLICANT: Berka,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 20701:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/231,498 PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/237,768 PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                       SOFTWARE: FASTER: DOS
SOFTWARE: FASTESEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,825
FILING DATE: 18-MAR-1997
CLASTFORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ENGTH: 105733
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: RAY, Michael W.
APPLICANT: Klotz, Alan V.
TITLE OF INVENTION: Polypeptides Having Phytase Activity
TITLE OF INVENTION: And Nucleic Acids Encoding Same
                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
TELECOMMUNICATION INFORMATION:
                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 5
                                                                                                                                                                              COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: FastSEQ for Wi
                NAME: Lambiris, Elias J. REGISTRATION NUMBER: 33, REFERENCE/DOCKET NUMBER:
                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                       CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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405 Lexington Avenue, Suite 6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Berka, Randy M.
Ray, Michael W.
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                                                                                                18-MAR-1997
)N: 435
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                  4758.200-US
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Pred. No. 3
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                Best
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Best Local Similarity
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APPLICANT: Berka,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 212 867 0298
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                           PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/819

PILING DATE: 18-MAR-1997

ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.

REGISTRATION NUMBER: 33,728

REFERENCE/DOCKET NUMBER: 4758

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212 867 0123

TELEPAX: 212 867 0298
                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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LENGTH: 2200 base pair
                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Ray, Michael W.
APPLICANT: Klotz, Alan V.
TITLE OF INVENTION: Polypeptides Having Phytase Activity
TITLE OF INVENTION: And Nucleic Acids Encoding Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                Local
                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
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TOPOLOGY: lir
                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                               LENGTH:
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                Similarity
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    No. 62216440 No. 6221644disk of No. 6221644th America, Inc.
405 Lexington Avenue, Suite 6400

                                                                                                                             2200 base pairs
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Michael W.
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Pred. No.
Score 26; DB 3; Pred. No. 7.5; 0; Mismatches 3
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   31;
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                                 Length 2200;
   Indels
   0;
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   Gaps
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2013 CTGGCGCTTTTTGGATCATTTCCCTTTCCGCAGTGATTGTATCTAAAAAACATCAATTCGG 1954

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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16627
LENGTH: 20634
TYPE: DNA
ORGANISM: Human
US-09-949-016-16627
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US-09-949-016-16627
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.US-09-949-016-14191
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; ORGANISM: Human
US-09-949-016-14191
                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISBASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
     Query Match 28.7%;
Best Local Similarity 55.8%;
Matches 48; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 16627, Application US/09949016 Patent No. 6812339
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SEQ ID NO 14191
LENGTH: 15379
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
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Best Local Similarity
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55.8%;
  Score 25.8; DB 4; Length 20634; Pred. No. 23; 0; Mismatches 38; Indels 0;
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Pred. No. 20;
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Gaps
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Database
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Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Searched:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Published Applications NA:*

1: /cgn2 6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2 6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

3: /cgn2 6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

4: /cgn2 6/ptodata/1/pubpna/US06_PUBCOMB.seq:*

5: /cgn2 6/ptodata/1/pubpna/US07_NEW_PUB.seq:*

6: /cgn2 6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

7: /cgn2 6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

8: /cgn2 6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

9: /cgn2 6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

9: /cgn2 6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
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Copyright (c) 1993 - 2005 Compugen Ltd.
/ Cgm2_6/ptodata/1/pubpna/US09_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US09_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US09_NEW_FUB.seq: */cgm2_6/ptodata/1/pubpna/US09_NEW_FUB.seq: */cgm2_6/ptodata/1/pubpna/US10B_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US10E_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US10E_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US10E_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US10E_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US10E_FUBCOMB.seq: */cgm2_6/ptodata/1/pubpna/US10_NEW_FUB.seq: */cgm2_6/ptodata/1/pubpna/US10_PUBCOMB.seq: */cgm2_6/ptodata
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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	Result No.
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2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Score
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252 412 455 1878 1878 1894 1894 1872 449	Query Match Length DB
17 17 17 17 17 18 18	'
US-10-355-716-74 US-10-355-716-75 US-10-198-846-1775 US-10-198-846-8657 US-10-198-846-8657 US-10-117-722-625 US-10-723-860-6888 US-10-723-860-6888 US-10-198-846-11013 US-10-723-860-8812 US-10-723-860-812 US-10-723-860-812 US-10-425-115-44104	ID
sequence 74, Appl sequence 75, Appl sequence 1775, Ap Sequence 8657, Ap Sequence 625, App Sequence 628, App Sequence 6888, Ap Sequence 11013, Ap Sequence 2812, Ap Sequence 15342, A Sequence 44104, A	Description

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28553	23909	15922	15922	13784	2497	2182	684973	609	489	317876	275449	92563	785	711	377	219	1829	2163	2163	17150	2215	1362	1362	1362	1128	1120	793	793	745	745	294	247461
18	13	18	18	18	17	17	9	14	18	18	13	11	9	18	18	18	17	18	17	18	18	17	16	9	17	17	17	13	17	13	9	18
-10-741	-10-087-192	US-10-719-993-6795	US-10-741-601-5643	US-10-719-993-6793	US-10-424-599-97141	US-10-425-114-30015	US-09-263-959-1	US-10-198-846-9509	US-10-425-115-179016	US-10-741-601-5629	US-10-087-192-520	US-09-997-722-70	US-09-823-245A-18	US-10-767-701-11796	-10	-10	-10	-10	-10-425	US-10-741-601-5688	US-10-741-601-239	US-10-282-122A-6414	US-10-287-274-178	US-09-815-242-6166	US-10-282-122A-23264	US-10-282-122A-19217	US-10-027-632-164644	US-10-027-632-164644	US-10-027-632-161738	US-10-027-632-161738	US-09-294-093B-3147	US-10-322-281-131
	604,	6795,	5643,	6793	S	e 30015,	1, Ag	9509	179016	5629,	Sequence 520, App	Sequence 70, Appl	Sequence 18, Appl	Sequence 11796, A	1423,		1668,	6638	3271		239,	Sequence 6414, Ap	Sequence 178, App	Sequence 6166, Ap	Sequence 23264, A	19217,	Sequence 164644,	Sequence 164644,	Sequence 161738,		3147,	Sequence 131, App

#### ALIGNMENTS

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US-10-355-716-74

IS-quence 74, Application US/10355716

Publication No. US20030216339A1

IGENERAL INFORMATION:

PITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO NUMBER OF SEQUENCES: 132

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER: READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/10/355,716

PILING DATE: 31-Jan-2003

CLASSIFICATION NUMBER: US/09/301,507

PRICK APPLICATION DATA:

APPLICATION
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INFORMATION FOR SEQ ID NO: 74: SEQUENCE CHARACTERISTICS:

TELEFAX:

TELEPHONE:

(206) 622-4900 06) 682-6031

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RESULT 2
US-10-355-716-76
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Publication No. US20030216339A1
GENERAL INFORMATION:
APPLICANT: Cynader, Max
Prasad, Shiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
 Matches
                                   Query Match
                                                                                                                                                                                     TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 76
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                              ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NATA:

APPLICATION NUMBER: US/10/355,716

FILING DATE: 31-Jan-2003

CLASSIFICATION DATA:

APPLICATION NUMBER: US/99/301,507

FILING DATE: 28-Apr-1999

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 33,332

REGISTRATION NUMBER: 33,332

REGISTRATION NUMBER: 33,332
Local Similarity 98.1 1es 86; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 230018.401C1 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 76:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 90;
                                                                                                                            LENGTH: 252 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GGACAGCTCGTNTCATGATCGACTCGGACC 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GGACAGCTCGTNTCATGATCGACTCGGACC 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 336 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                 98.9%;
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Score 86; DB 17; Length 252; Pred. No. 1e-23; 0; Mismatches 1; Indels
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Pred. No. 7.2e-25;
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GENERAL INFORMATION:

APPLICANT: Lilile, James

APPLICANT: Xu, Yongyao

APPLICANT: Wang, Youzhen

APPLICANT: Steinmann, Kathleen

ITILE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND

ITILE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PRE

ITILE OF INVENTION: THERAPY OF BREAST CANCER

FILE REFERENCE: MRI-049

CURRENT APPLICATION NUMBER: US/10/198,846

CURRENT APPLICATION NUMBER: 00/306,220

PRIOR FILING DATE: 2001-07-18

PRIOR APPLICATION NUMBER: 60/306,220

PRIOR FILING DATE: 2001-07-18

NUMBER OF SEQ ID NOS: 14084

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 1775

LENGTH: 412
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; NAME/KEY: misc feature

; LOCATION: 3, 203, 293, 343, 398

; OTHER INFORMATION: n = A,T,C or G

US-10-198-846-1775
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                                                                                                                                                                                                                                                                                                                           Sequence 8657, Application US/10198846 Publication No. US20030099974A1 GENERAL INFORMATION:
              SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 8657 LENGTH: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1775, Application US/10198846 Publication No. US20030099974A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                    FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
                                                                                                                                                                                       APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      109 GGACAGCTCAT-TCATAATGGACTCGGACC 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           61 GGACAGCTCGTNTCATGATCGACTCGGACC 90
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Pred. No. 2.1e-15;
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                                                                                                                                                                                                              AND METHODS PREVENTION,
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ORGANISM:

Homo sapiens

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APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Wang, Jian-Rui
APPLICANT: Ma, Yunqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: Tillinghast, John
APPLICANT: Drmanac, Radoje T.
APPLICANT: Drmanac, Radoje T.
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: NO. US20030104529A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/10/037,270
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR PILING DATE: 2000-04-25
PRIOR PILING DATE: 2000-04-25
                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pt FL genes Version 1.0
SEQ ID NO 625
LENGTH: 1878
TYPE: DNA
ROBANISM: Homo sapiens
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US-10-037-270-625
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, NAME/KEY: misc_feature
; LOCATION: 2, 7, 404, 454
; OTHER INFORMATION: n = A,T,C or
US-10-198-846-8657
                                                                                                                                                                                                      ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (945)..(1229)
US-10-037-270-625
                                                                                                                                                      Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 625, Application US/10037270 Publication No. US20030104529A1
                                                                                                                                      Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Tang, x. ......
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                    Match 71.3%;
Local Similarity 89.9%;
524 GACAGCTCAT-TCATAATGGACTCGGACC 551
                                                                  120 GACAGCTCAT-TCATAATGGACTCGGACC 147
                          62 GACAGCTCGTNTCATGATCGACTCGGACC 90
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                                                                                           80; Conservative
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Ren, Feiyan
Chen, Rui-hong
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wehrman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tom
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                                                                                                                                  0; Mismatches
                                                                                                                                                  Score 64.2; DB 15; Pred. No. 7.6e-15;
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                                                                                                                                                                 Length 1878;
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APPLICANT: Drmanac, Radoje T.
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030219744A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784C172BCIP
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: US/10/117,722
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR APPLICATION NUMBER: 09/52,317
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/485,725
PRIOR APPLICATION NUMBER: 09/486,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: Pt FL genes Version 1.0
SEQ ID NO 625
TENORMY. 1078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA;
; ORGANISM: Homo sapiens;
; FEATURE:
; NAME/KEY: CDS;
; LOCATION: (945)..(1229)
US-10-117-722-625
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US-10-723-860-6888
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                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Aziz, Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Zlotnik, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions
TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUS01
CURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEC ID NOS: 8393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 625, Application US/10117722
Publication No. US20030219744A1
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
                                                                                                                                                                 SOFTWARE: PatentIn version 3.2 SEQ ID NO 6888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6888, Application US/10723860 Publication No. US20040253606A1
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ORGANISM: Homo sapiens FEATURE: FATURE: NAME/KBY: misc feature LOCATION: (650)..(669)
OTHER INFORMATION: n is a,
                                                                                                                     LENGTH: 1894
TYPE: DNA
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Local Similarity 89.9%;
es 80; Conservation
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Pred. No. 7.6e-15;
    or
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RESULT 8
US-10-198-846-11013
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US-10-723-860-2812
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Best Local S
Matches 80
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Best Local :
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CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14884
SOFTWARE: FRSESEQ for Windows Version 4.0
SEQ ID NO 11013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                 Sequence 2812, Application US/10723860
Publication No. US/20040253606A1
GENERAL INFORMATION:
APPLICANT: Aziz, Natasha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Lillie,
APPLICANT: Xu, Yor
APPLICANT: Wang, 1
                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: 2048, 2049, 2050, 2051, 2052,
LOCATION: 2058, 2059, 2060, 2061
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: 1, 2, 3, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, LOCATION: 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, LOCATION: 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1860, 2009, LOCATION: 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Homo sapiens
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The Ginsburg, Wendy M.
The Third Albert
INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions
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                                                                                                                                                                                                                                                                     Xu, Yongyao
Wang, Youzhen
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89.9%;
                                                                                                                                                                                       -TCATAATGGACTCGGACC 514
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Pred. No. 7
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Pred. No. 7.8e-15;
0; Mismatches 8
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RESULT 11 US-10-425-115-44104

Sequence 44104, Application US/10425115
Publication No. US20040214272A1
GENERAL INFORMATION:

APPLICANT: La Rosa, Thomas APPLICANT: Kovalic, David

Kovalic, but

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US-09-918-995-15342

Sequence 15342, Application US/09918995

Publication No. US20030073623A1

GENERAL INFORMATION:

APPLICANT: Hyeeq, Inc.

TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES

FILE REFERENCE: 20411-756

CUURRENT APPLICATION NUMBER: US/09/918,995

CUURRENT APPLICATION NUMBER: US/09/918,995

PRIOR APPLICATION NUMBER: US/09/235,076

PRIOR APPLICATION NUMBER: US/09/235,076

PRIOR TILING DATE: 1999-01-20

PRIOR FILING DATE: 1999-01-20
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                                                                                                                                                                                              ; NAME/KEY: misc_feature
; IJCATION: (1)...(465)
; OTHER INFORMATION: n = A,T,C
US-09-918-995-15342
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SEQ ID NO 2812
LENGTH: 1872
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 15342
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Best Local
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CURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
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Best Local
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                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                            LENGTH:
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                                                                                                                                                 ocal Similarity
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183
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                               62 GACAGCTCGTNTCATGATCGACTCGGAC 89
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                                                              GTTTCATGTTCTTGTGCACTTCCCCTCTGGGATCAGGTGAGGGGTCCAGACAGCTGACCA 182
                                                                                               GACAGCTTGACAGCTGGTCAAGACGGTC 210
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                                                                                                                                 Score 31; DB:
Pred. No. 0.07
0; Mismatches
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Pred. No. 3.3e-14;
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TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With FILE REFERENCE: 38-21(5322)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 44104
LENGTH: 449
Type
; LENGTH: 1362
; TYPE: DNA
; ORGANISM: Yersinia pestis
US-10-282-122A-42325
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                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR PPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/230,335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 42325, Application US/10282122A Publication No. US20040029129A1
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                                                                                                        PRIOR FILING DATE: 2000-12-22

PRIOR APPLICATION NUMBER: 60/267,636

PRIOR FILING DATE: 2001-02-09

PRIOR APPLICATION NUMBER: 60/269,308

PRIOR FILING DATE: 2001-02-16

Remaining Prior Application data removed

NUMBER OF SEQ ID NOS: 78614
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                                                                       SOFTWARE: PatentIn version 3.1
EQ ID NO 42325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A CURRENT APPLICATION NUMBER: US/10/282,122A CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/253,625 FILING DATE: 2000-11-27
                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/257,931
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 60/242,578 FILING DATE: 2000-10-23
                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 60/230,347 FILING DATE: 2000-09-09
                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 2000-09-06
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Carr, Grant
Carr, Grant
Carr, Grant
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Zyskind, Judith
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Malone, Cheryl
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Forsyth, R.
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Trawick, John
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RESULT 13
US-10-322-281-131/c
; Sequence 131, Application US/10322281
; Publication No. US20040126762A1
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; LOCATION: (1)...(247461)
; OTHER INFORMATION: n = A,T,C
US-10-322-281-131
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SEQ ID NO 3147
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SEQ ID NO 131
LENGTH: 247461
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                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/294,093B CURRENT FILING DATE: 1999-04-16 PRIOR APPLICATION NUMBER: 60/082,567
                                                                                                                                                                                                                    APPLICANT: Sherman, Bradley, K.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN TASSEL
FILE REFERENCE: PL-0009 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: David W. Morris
APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REFERENCE: 529452001000
CURRENT FAPPLICATION NUMBER: US/10/322,281
CURRENT FILLING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 866
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                                                                                                                                        NUMBER OF SEQ ID NOS
                                                                                                                                                         PRIOR FILING DATE:
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                                                   TYPE: DNA
ORGANISM: Zea
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NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20010051335A1 700347266H1
                                          FEATURE:
                                                                                          LENGTH: 294
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. Laura, Y.
                                                                                                                                                    UMBER: 60/082,567
April 21, 1998
                                                                                                                       Program
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Pred. No. 11;
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GENERAL INFORMATION:

APPLICANT: Wang, David G.

FITLE OF INVENTION: Identification and Mapping of Single Nucleotide

FITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR PELLING DATE: 2000-07-12

PRIOR FILING DATE: 2000-07-12

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR APPLICATION NUMBER: US 60/198,483

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR FILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR APPLICATION NUMBER: US 60/193,5218

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR APPLICATION NUMBER: US 60/167,363

PRIOR FILING DATE: 1999-08-09

PRIOR FILING DATE: 1999-08-09

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; LOCATION: 44
; OTHER INFORMATION: a, t, c, g, or other
US-09-294-093B-3147
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 161738
LENGTH: 745
TYPE: DNA
CRGANISM: Human
US-10-027-632-161738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-027-632-161738/c; Sequence 161738, Application US/10027632; Publication No. US20020198371A1
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Search completed: February 9, 2005, 20:39:52
Job time : 178.371 secs
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Best Local Similarity 57.1%;
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                                                                                                                                    36; Conservative
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Result
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Maximum Match 100%
Listing first 45 summaries
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         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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   161607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd.
                                   US-09-854-133-453

US-09-49-016-188924

US-09-489-039A-4463

US-09-711-164-178

US-09-489-039A-4437

US-09-489-039A-4420

US-09-949-016-11465

US-09-949-016-12747

US-09-949-016-17746

US-09-949-016-17799

US-09-949-016-17099

US-09-949-016-18937

US-09-949-016-18937

US-09-103-840A-1
                                                                                                                                                                                                                                                                                                                            US-09-620-312D-625
US-09-949-016-13863
US-09-949-016-12210
US-09-621-976-14464
US-09-949-016-15927
US-09-949-016-14191
US-09-949-016-12110
US-09-949-016-15795
US-09-949-016-16627
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US-09-103-840A-1
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Sequence 625, App
Sequence 13863, A
Sequence 12210, A
Sequence 1491, A
Sequence 1491, A
Sequence 14191, A
Sequence 1627, A
Sequence 1627, A
Sequence 1, Appli
Sequence 45, Ap
Sequence 45, Ap
Sequence 47, Ap
Sequence 47, Ap
Sequence 4437, Ap
Sequence 1746, A
Sequence 17146, A
Sequence 17146, A
Sequence 1709, A
Sequence 1709, A
Sequence 12497, A
Sequence 1397, A
Sequence 1397, A
Sequence 16937, A
Sequence 50118, Appli
Sequence 50118, Appli
Sequence 50118, A
Sequence 50118, A
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4		26.4	26.4
17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
133719	132438	132438	105733	1952	1952	1952	1717	450	124701	124700	9069	1329	601	601	601	601	601
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US-09-949-016-15092	US-09-949-016-14350	US-09-949-016-14349	US-09-949-016-13080	US-08-694-501-1	US-08-463-694-1	US-08-333-358-1	US-09-949-016-3350	US-09-513-999C-239	US-09-949-016-15439	US-09-949-016-11817	US-09-949-016-15856	US-08-278-630A-8	US-09-949-016-131491	US-09-949-016-131490	US-09-949-016-131489	US-09-949-016-19256	US-09-949-016-19255
Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 3	Sequence 2	Sequence 1	Sequence 1	Sequence 1	Sequence 8	Sequence 1	Sequence 1	Sequence 1	Sequence 1	Sequence 1
15092, A	14350, A	14349, A	13080, A	l, Appli	L, Appli	i, Appli	3350, Ap	239, App	15439, A	11817, A	15856, A	8, Appli	131491,	131490,	131489,	19256, A	19255, A

# ALIGNMENTS

RESULT 1

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NUMBER OF SEQ ID NOS: 1105
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 625
LENGTH: 1878
TYPE: DNA
DRGANISM: Homo sapiens
FEATURE:
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                                                                                                                                         US-09-620-312D-625
                                                                                                                                                                                                                                                                                                             APPLICANT: Drmanac, Radoje T.

TITIES OF INVENTION: No. 6569662el Nucleic Aci
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
FULE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-620-312D-625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Oing A.
APPLICANT: Wehrman, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 625, Application US/09620312D Patent No. 6569662
GENERAL INFORMATION:
                                                                     Matches 108;
                                                                                Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT:
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APPLICANT:
                                                                                                                                                    NAME/KEY: CDS
LOCATION: (945)..(1229)
zhou, Ping
Ma, Yunqing
Ma, Yunqing
Wang, Dunrui
Wang, Zhiwei
John Tillinghast
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Zhang, Jie
Ren, Feiyan
Chen, Rui-hong
Zhao, Qing A.
Wehrman, Tom
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Yang, Yonghong
Wang, Jian-Rui
Zhou, Ping
                                                                     Conservative
                                                                                52.5%;
87.8%;
                                                                 0,
                                                                 Score 78.8; DB 4;
Pred. No. 8.8e-20;
0; Mismatches 13;
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                                                                                                  Length 1878;
                                                                   Indels
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                                                                 Gaps
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US-09-949-016-13863
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-949-016-13863
                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: VENTER, J: Craig et al.
APPLICANT: VENTER, J: Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                  Sequence 12210, Ap
Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local (
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Patent No. 6812339
              SEQ ID NO 12210
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
                                                     NUMBER OF SEQ ID NOS:
                                                                           PRIOR APPLICATION NUMBER: 60/231,498 PRIOR FILING DATE: 2000-09-08
                                                                                                                PRIOR APPLICATION NUMBER: 60/237,768 PRIOR FILING DATE: 2000-10-03
                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/241,755 PRIOR FILING DATE: 2000-10-20
                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                    SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE: misc_feature
NAME/KEY: misc_feature
LOCATION: (1)...(132871)
OTHER INFORMATION: n = A,T,C or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Human
LENGTH: 161607
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         106636 TCATGTTAGTATGGGAAGTACTGGGACTGTA 106666
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                                                                       2000-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 28.2;
Pred. No. 21;
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OF DETECTION
                                                                                                                                                                                                                                                        ASSOCIATED OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 132871;
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; FEATURE:
, NAME/KEY: misc feature
; LOCATION: (1)...(161607)
; OTHER INFORMATION: n = A,T,C or
US-09-949-016-12210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA; ORGANISM: Homo sapiens US-09-621-976-14464
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Sequence 15927, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                    RESULT 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 14464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 14464, Application US/09621976 Patent No. 6639063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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                                                   PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Jobert, S. APPLICANT: Giordano, J.Y.
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15927
                                                                                                                                                                                                  APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: ESTS and FILE REFERENCE: GENSET.054PR2
                                                                                                                             PRIOR FILING DATE: 2000-10-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 449
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               106636 TCATGTTAGTATGGGAAGTACTGGGACTGTA 106666
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 23 TCCCTGCTGGCGCTGATGGGAGATACAGACAGCAAAACGGACAGCTCGTNTCATGATCGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l Similarity 51; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TCCCCTCTGGATCAGGTGAGGGGTCCAGACAGCTGACCAGACAGCTTGACAGCTGGTCAA 302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TCATGATCGACTCGGACCCTCTGCGNCTGCA 103
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Pred. No. 23;
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OF DETECTION AND USES THEREOF
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US-09-949-016-12110/c
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US-09-949-016-14191
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                   Sequence 12110, Application US/09949016
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                                                                                                                                                                                                                                                                    Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                    CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                       APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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TYPE: DNA
ORGANISM: Human
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              FILING DATE: 2000-10-03
APPLICATION NUMBER: 60/231,498
FILING DATE: 2000-09-08
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1 Similarity 54.1%;
53; Conservative
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SEQ ID NO 15795
LENGTH: 19153
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ:ID NO 12110
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                                                                                                                                                                                         Sequence 16627, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity
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APPLICATE VENTER, J. Craig et al.
APPLICATE VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
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NUMBER OF SEQ ID NOS: 207012
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ORGANISM: Human
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Pred. No. 20;
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Pred. No. 20;
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OF DETECTION
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APPLICANT: FLEISCHMAN, Robert D.
APPLICANT: WHITE, Owen R.
APPLICANT: WHITE, Owen R.
APPLICANT: VENTER, John C.
TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN
TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-20007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                        RESULT 11
US-09-103-840A-1/c
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; ORGANISM: Human
US-09-949-016-16627
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                                                                              GENERAL INFORMATION:
APPLICANT: FLEISCHMAN, Robert D.
                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
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LENGTH: 20634
                                                                                                                   Sequence 1, Application US/09103840A Patent No. 6294328
                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
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APPLICANT: WHITE, Owen R.

APPLICANT: FRASER, Claire M.

APPLICANT: VENTER, John C.

TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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OTHER INFORMATION: "n" bases at various positions throughout the sequence
OTHER INFORMATION: represent a, t, c or g
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Mycobacterium tuberculosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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                                                                                                                                                                                                                                    815729
                                                                                                                                                                                                                                                                                                          815789 CAGGGTACGGGACAGCCCGTGTAAGGAGCGATTACGCCGCTCATCGTCGGGACGGGTGAC 815730
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Pred. No. 2e+02;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 27.2;
Pred. No. 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FOR STRAIN ANALYSIS IN MYCOBACTERIUM
                                                                                                                                                                                                                                                                                                                                                                                                                   DB 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4;
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                                                                                                                                                                                                                                                                                                                                                                                    25;
                                                                                                                                                                                                                                                                                                                                                                                                                   Length 4403765,
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; Sequence 188924, A; Patent No. 6812339

Application US/09949016

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS

IN KNOWN GENES ASSOCIATED

```
APPLICANT: Lodes, Michael J.
APPLICANT: Mohamath, Raodoh
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Darin R.
APPLICANT: Secrist, Heather
TITILS OF INVENTION: COMPOSITIONS AND METHODS FOR
TITILS OF INVENTION: THE THERAPY AND DIAGNOSIS OF LIFILE REFERENCE: 210121.475C10
CURRENT APPLICATION NUMBER: US/09/854,133
CURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 735
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 453
RESULT 13
US-09-949-016-188924
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                                                                                                                                                                                                                                                                                                            ; FEATURE:

NAME/KEY: misc_feature
; LOCATION: (1)...(630)
; OTHER INFORMATION: n = A,T,C
US-09-854-133-453
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 453, Application US/09854133
Patent No. 6759508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 18.1%;
Best Local Similarity 62.1%;
Matches 41; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: TUBERCULOSIS
FILE REFERENCE: 24366-24007.00
CURRENT APPLICATION NUMBER: US/09/103,840A
CURRENT FILING DATE: 1998-06-24
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
SEQ ID NO 1
                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Mycobacterium tuberculosis
OTHER INFORMATION: H37Rv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 4411529
                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 630
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                                                                                   398 TCTTCGTTGGGACGTCCCCTTTGC 375
                                                                                                                                                            458 TTTCTTGTTCTCCACCAAGGTGGTGACGGGTGTTAACTCCTGCTCGAAGGACAGGTGGTC 399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       112 CACTAT 117
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                                                                                                                      73 TCATGATCGACTCGGACCCTCTGC 96
                                                                                                                                                                                               48;
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                                                                                                                                                                                                                                                     18.0%;
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Pred. No. 2e+02;
""matches 25;
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Pred. No. 4.4;
                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                        DB 4; Length 630;
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RESULT 14
US-09-489-039A-4463/c
; Sequence 4463, Application US/09489039A
; Patent No. 6610836
; Patent No. 6710836
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; TYPE: DNA
; ORGANISM: Human
US-09-949-016-188924
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
GENERAL INFORMATION:
APPLICANT: POOTSYTH, R. Allyn
APPLICANT: Ohlsen, Kari
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
TITLE OF INVENTION: GENES ESSENTIAL FOR MICROBIAL PROLIFERATION AND ANTISENSE THERET
FILE REFERENCE: ELITTA.0084
FILE REFERENCE: ELITTA.0084
CURRENT APPLICATION NUMBER: US/09/711,164
CURRENT FILING DATE: 2000-11-09
PRIOR APPLICATION NUMBER: US 60/164415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gary Breton et. al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.2004001
CURRENT APPLICATION NUMBER: US/09/489,039A
CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR PRICIATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 4463
LENGTH: 684
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
                                                                                                                                                                                                                    Sequence 178, Application US/09711164 Patent No. 6589738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 188924
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APPLICANT: Gary Bro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Match 17.9%; ocal Similarity 55.7%;
                                                                                                                                                                                                                                                                                                                                                          473
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                                                                                                                                                                                                                                                                                                                                                                                     17 ATGCTCTCCCTGCCTGGCGCTGATGGGAAAACAGAAAAACGGACAAGCTCG 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                      37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     87 GACCCTCTGCGNCTGCATGAGGCACCAC 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27 TGCTGGCGCTGATGGGAGATACAGACAGCAAAACGGACAGCTCGTNTCATGATCGACTCG 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               49;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                          ATGGGCGACGTGCTCGCTGATTGAAGATATCGAGAGCAAGGTTGACCGCGCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TGCTGCCCTTGGGGGCACATGGAGCCACCAAGACCCTCGGCGCCTCTCATCCACCAAGGG 251
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17.9%;
68.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 26.8; DB 4;
Pred. No. 5.5;
0; Mismatches 17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 26.8; DB 4;
Pred. No. 5.2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 684;
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; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1362)
US-09-711-164-178
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                                             17.9%;
Best Local Similarity 68.5%;
Matches 37; Conservative
                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-11-9
NUMBER OF SEQ ID NOS: 469
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 178
                                                                                                                                                                                     LENGTH: 1362
TYPE: DNA
ORGANISM: Escherichia coli
688
                           17 ATGCTCTCCCTGCTGGCGCTGATGGGAGATACAGACAGCAAAAACGGACAGCTCG
ATGGGCGACGTACTGTCGCTGATCGAAGATATCGAAAGCAAAGTTGACCGCGCG
                                                          Score 26.8; DB 4;
Pred. No. 7.7;
0; Mismatches 17;
                                                            17;
                                                                                          Length 1362;
                                                            Indels
                                                            0,
                             70
                                                            Gaps
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Search completed: February 9, 2005, 18:15:35 Job time: 99.3483 secs This Page Blank (uspto)

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Maximum Match 100%
Listing first 45 summaries
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Published Applications NA:*

1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*

4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*

5: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

6: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*

8: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq:*

9: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*

10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*

11: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq:*

12: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

13: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

14: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq:*

15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*

17: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

18: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

19: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

20: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

20: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

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20: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

21: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

22: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

23: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

24: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*

25: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

11 2	, , ,	760	ωαπ	21	Result No.
31.4	78 77.2	78.8 78.8	79.8 78.8	146	Score
20.9	51.5	55.5	53. 53. 55.	97.3 57.9	Query Match
465	1894 1872	1878	412 455	336 252	Query Match Length DB
10	18	17	14 14	17	DB
US-10-43/-963-83624 US-09-918-995-15342	US-10-723-860-6888 US-10-723-860-2812	US-10-13-722-625 US-10-117-722-625 US-10-198-846-11013	US-10-198-846-1775 US-10-198-846-8657	US-10-355-716-74 US-10-355-716-76	ID
Sequence 83624, A Sequence 15342, A		Sequence 625, App Sequence 11013, A	1775	Sequence 74, Appl	Description

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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13
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18.3	18.4	18.4				18.5	18.5	18.5	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.8	18.8	18.9	19.1	19.1	19.3	19.6	•		19.6	9	19.9
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18	13	18	17	18	17	17	16	16	18	18	17	18	17	17	17	17	13	13	13		18	18	18	17	13	19	17	17	17	17	18	18
US-10-322-281-131	0-087-192-	0-425	0-425-	-115-	US-10-292-798-1393	US-10-282-122A-42325	US-10-029-386-4387	0-029	-10	0-425	US-10-388-934-237	-10	US-10-425-114-2994	US-10-027-632-307936	-027-632-	-632-	w		-10-027-632-	US-09-294-093B-3147	US-10-425-115-44104	-425-115	-10-437-963-	-10-027-632-	-10	-10-480	0-424-599-1743	US-10-412-699B-1638	-10-374-780A-159	US-10-425-114-9467	US-10-676-248B-1	US-10-767-701-23603
	Œ	Sequence	Sequence	Sequence											Sequence	Sequence	Sequence	Sequence	Sequence	w												Sequence
	913, App	120423,	25149, A	$\circ$	1393, Ap	•	ъ	18087, A	22944, A		237, App	1655, Ap	2994, Ap	307936,	307935,	307934,	307936,	307935,	307934,	3147, Ap		20005, A	7315, Ap	164644,	164644,	23, Appl	17436, A	1638, Ap		9467, Ap	<ol> <li>Appli</li> </ol>	23603, A

### ALIGNMENTS

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RESULT 1

US-10-355-716-74

Sequence 74, Application US/10355716

Publication No. US20030216339A1

Sequence 74, Application US/10355716

Publication No. US20030216339A1

TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO NUMBER OF SEQUENCES: 132

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington
COUNTRY: USA
ZIP: 98104-7092

COMPUTER: RABADALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER STATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/10/355,716

FILING DATE: 31-Jan-2003

PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE: 28-Apr-1999
ATTORNEY/AGENT INFORMATION:

NAME: POOTEST NUMBER: 33,332

REFERENCE/DOCKET NUMBER: 230018.401C1

TELECOMMUNICATION INFORMATION:
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TELEPHONE:

(206) 622-4900

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RESULT 2
US-10-355-716-76
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US-10-355-716-76
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INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 336 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 74:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 76, Application US/10355716 Publication No. US20030216339A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 150;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                           INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/355,716
FILING DATE: 31-Jan-2003
CLASSIFICATION: CUNknown>
                                                                                                                                                                                 APPLICATION NUMBER: US/09/301,507
FILING DATE: 28-Apr-1999
ATTORNEY/AGENT INFORMATION:
NAME: POTTEY, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 230018.401C1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Cynader, Max
Prasad, Shiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO
                 SEQUENCE DESCRIPTION: SEQ ID NO: 76:
                                                                                                                                                                                                                                                                                                                      PRIOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300 CITY: Seattle
                                       STRANDEDNESS: single
TOPOLOGY: linear
                                                                      TYPE: nucleic acid
                                                                                                                                                TELEPHONE: (206) 622-49
TELEFAX: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Washington
                                                                                                                                                                                                                                                                                                                      APPLICATION DATA
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Pred. No. 3.1e-46;
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                                                                                                                                                                                                    RESULT 4
US-10-198-846-8657
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Publication No. US20030099974A1
GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Loc
Matches
                                                                                                                                                 Sequence 8657, Application US/10198846 Publication No. US20030099974A1 GENERAL INFORMATION:
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1775
LENGTH: 412
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR TILING DATE: 2001-07-18
            APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzhen
APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Homo sapiens FEATURE:
CURRENT APPLICATION NUMBER: US/10/198,846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: 3, 203, 293, 343, 3
OTHER INFORMATION: n = A,T,C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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96.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       53.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          398
C or G
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 79.8; DB Pred. No. 2e-20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
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                                                  AND METHODS PREVENTION,
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; TYPE: DNA;
; ORGANISM: Homo sapiens;
; FEATURE:
; NAME/KEY: CDS;
; LOCATION: (945)..(1229)
US-10-037-270-625
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PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSEQ for Windows Version
SEQ ID NO 8657
                                                                                                               SOFTWARE: pt_FL_genes Version 1.0 SEQ ID NO 625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 625, Application US/10037270 Publication No. US20030104529A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 108; Conservative
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APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/037,270
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
                                                                                                                                                                                                                                                         APPLICANT: Ma, Yunging
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: Wang, Zhiwei
APPLICANT: Tillinghast, John
APPLICANT: Drmanac, Radoje T.
TITLE OP INVENTION: NO. U520030104529Alel Nucleic Acids and
TITLE OP INVENTION: Polypeptides
TILE REFERENCE: 784CIP2B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Tang, APPLICANT: Liu,
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc feature
LOCATION: 2, 7, 404, 454
OTHER INFORMATION: n = A,T,C or
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                               ENGTH: 1878
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                178
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Yang, Yonghong
Wang, Jian-Rui
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Zhang, Jie
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Wehrman, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ren, Feiyan
Chen, Rui-hong
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Pred. No. 5.1e-20;
0; Mismatches 13
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APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030219744A1el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP28CIP
CURRENT APPLICATION NUMBER: US/10/117,722
CURRENT PILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-07-19
PRIOR FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
PRIOR FILING DATE: 2000-01-21
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; NAME/KEY: CDS
; LOCATION: (945)..(1229)
US-10-117-722-625
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APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
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SEQ ID NO 625
                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                  Query Match
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Best Local Similarity
                                                                                                                                                                                                                                                                                                            LENGTH: 1878
TYPE: DNA
ORGANISM: Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                     Local Similarity
les 108; Conserv
 582
                              122 NAT 124
                                                            524 GACAGCTCAT-TCATAATGGACTCGGACCCTCGACG-CTGCATGAGGCACCACTATGTGG
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ATT 584
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ilarity 87.8%;
Conservative
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87.8%;
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Pred. No. 8.2e-20;
0; Mismatches 13
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Pred. No. 8.2e-20;
D; Mismatches 13;
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WS-10-198-846-11013
US-10-198-846-11013, Application US/10198846
; Sequence 11013, Application US/10198846
; Publication No. US/20030099974A1
; GENERAL INFORMATION:

APPLICANT:

Wang, Youzhen

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APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PRE
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 11013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: 2048, 2049, 2050, 2051, 2052, 2053, 2054,
LOCATION: 2058, 2059, 2060, 2061
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-11013
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                                                                                                                             APPLICANT: Aziz, Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Zlornik, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions of TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUS01
CURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2003-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: Patentin version 3.2
SEQ ID NO 6888
LENGTH: 1894
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6888, Application US/10723860 Publication No. US20040253606A1 GENERAL INFORMATION:
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Best Local
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NAME/KEY: misc_feature
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                   NAME/KEY: misc_feature LOCATION: (650)..(669)
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OTHER INFORMATION: n is
                                                                                    ORGANISM: Homo sapiens
                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               487
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87.8%;
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Pred. No. 8.5e-20;
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PREVENTION,
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Sequence 2812, Application US/10723860

Publication No. US20040253606A1

GENERAL INFORMATION:
APPLICANT: Aziz, Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Zlotnik, Albert
APPLICANT: Zlotnik, Albert
ITILE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma Modulators
ITILE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
ITILE OF INVENTION NUMBER: US/10/723,860

CURRENT APPLICATION NUMBER: US/10/723,860

CURRENT APPLICATION NUMBER: 60/429,739

PRIOR APPLICATION NUMBER: 60/429,739

PRIOR FILING DATE: 2002-11-26

NUMBER OF SEQ ID NOS: 8393

SOFTWARE: PatentIn version 3.2

SEQ ID NO 2812
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US-10-437-963-83624/c
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Best Local Similarity
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Best Local (
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Publication No. US20040123343A1
                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                APPLICANT: La Rosa, Thomas
APPLICANT: Kovalic, David
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Li, Ping TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21 (53221) B CURRENT APPLICATION NUMBER: US/10/437,963 CURRENT FILING DATE: 2003-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1872
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                                                                                                                                                                                                                                                                                                                                                                                                           122 NAT 124
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Barbazuk, Brad
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87.0%;
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89.8%;
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Pred. No. 1.7e-19;
0; Mismatches 10
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Pred. No. 3.4e-
0; Mismatches
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3.4e-19;
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; LOCATION: (1)...(465)
; OTHER INFORMATION: n = A,T,C or
US-09-918-995-15342
                                                                                                                                                                                                 US-10-425-115-31593/c
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US-10-437-963-83624
                                                                                                                                             Sequence 31593, Application US/10425115 Publication No. US20040214272A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US/09/235,076
PRIOR FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 38054
SOFTWARE: Fast-SEQ for Windows Version 3.0
SEQ ID NO 15342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 15342, Application US/09918995
Publication No. US20030073623A1
GENERAL INFORMATION:
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 83624
LENGTH: 1334
                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
APPLICANT: La Rosa, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: Cao, Yihua
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and
TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(53222)B
CURRENT APPLICATION NUMBER: US/10/425,115
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/918,995
CURRENT FILING DATE: 2001-07-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                     GTTTCATGTTCTTGTGCACTTCCCCCTCTGGGATCAGGTGAGGGGTCCAGACAGCTGACCA
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Pred. No. 0.086;
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                                                        Other Molecules Associated
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RESULT 14
US-10-676-248B-1
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             GENERAL INFORMATION:
APPLICANT: ROGAN, Peter
APPLICANT: Knoll, Joan
TITLE OF INVENTION: SUBTELOMERIC DNA PROBES AND METHOD OF PRODUCING SAME
FILE REFERENCE: 33026-B
CURRENT APPLICATION NUMBER: US/10/676,248B
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: 10/676.248
PRIOR APPLICATION NUMBER: 10/676.248
                                                                                                                                                                                                    Sequence 1, Application US/10676248B Publication No. US20040161773A1
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SEQ ID NO 23603
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SEQ ID NO 31593
LENGTH: 260
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APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
FILE REFERENCE: 38-21(53535)B
FULL REFERENCE: 38-21(53535)B
CURRENT APPLICATION NUMBER: US/10/767,701
CURRENT FILING DATE: 20076
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NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Clone ID: 18063385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Sorghum bicolor FEATURE:
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FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19.9%;
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Pred. No. 0.15;
0; Mismatches 45;
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APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Screen, Steven E
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT APPLICATION DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 9467
LENGTH: 758
TYPE: DNA
ORGANISM: Glycine max
FEATURE:
FEATURE:
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; PRIOR FILING DATE: 2003-07-03
; NUMBER OF SEQ ID NOS: 251
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 1820
; TYPE: DNA
; ORGANISM: Homo sapiens
Search completed: February
Job time : 297.618 secs
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US-10-425-114-9467
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                                                                                                                                                                                                                                                                                                           Query Match 19.6%; Score 29.4; DB 17; Length 758; Best Local Similarity 63.6%; Pred. No. 1; Matches 42; Conservative 0; Mismatches 24; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 19.9%; Score 29.8; DB 18; Length 1820; Best Local Similarity 53.7%; Pred. No. 0.98; Matches 58; Conservative 0; Mismatches 50; Indels 0;
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Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score
                                                                                                                                                                                                                                                                                                                                   nucleic search, using sw model
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*
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Gapop_60.0 , Gapext 60.0
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                  US-09-165-042-2
US-09-949-016-2464
US-09-949-016-12206
US-09-949-016-12206
US-09-949-016-12391
US-09-949-039A-18695
US-09-902-540-1265
US-09-9252-991A-5614
US-09-252-991A-5645
US-09-252-991A-5645
US-09-252-991A-5645
US-09-252-991A-15691
US-09-489-016-12569
US-09-489-039A-887
US-09-489-039A-94
US-09-489-039A-94
US-09-489-039A-3580
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Sequence 14, Appl
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e 2464, App
e 649, App
e 14206, A
e 12391, A
e 1843, Ap
e 1843, Ap
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                                                                    168695,
55814, Ap
55814, Ap
55815, Ap
16501, A
12569, Ap
1877, App
194, App
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RESULT 1 US-09-620-312D-625 ; Sequence 625, Application US/09620312D ; Patent No. 656962			44 16 10.3 4403765	C 43 16 10.3 1830121	16 10.3	41 16 10.3 94987 4	40 16 10.3	39 16	38 16 10.3	16 10.3	36 16 10.3	16 10.3	34 16 10.3 10095 3	16	16	10.3	16 10.3	16 10.3	28 16 10.3 1235 1
09620312D	ALIGNMENTS	3 US-09-103-840A-1	3 US-09-103-840A-2	4 US-09-643-990A-1	4 US-09-557-884-1	US-09-949-016-12510	US-09-949-016-15752	US-09-949-016-11870	US-09-949-016-15432	US-09-949-016-14594	US-09-949-016-14593	US-09-949-016-15986	US-08-822-586-45	US-09-453-702B-29	US-08-259-264-1	US-09-252-991A-10136	US-09-489-039A-4709	US-09-489-039A-812	US-08-096-623A-15
		1,	Sequence 2, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 12510, A		11870,	Sequence 15432, A	Sequence 14594, A	Sequence 14593, A				Sequence 1, Appli	1013	Sequence 4709, Ap	Sequence 812, App	Sequence 15, Appl

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CURRENT APPLICATION NUMBER: US/09/620,312D
CURRENT FILLING DATE: 2000-07-19
FRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILLING DATE: 2000-04-25
PRIOR PLICATION NUMBER: 09/488,725
PRIOR PLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1105
SEQ ID NO 625
SEQ ID NO 625
LENGTH: 1878
                                             ; NAME/KEY: CDS
; LOCATION: (945)..(1229)
US-09-620-312D-625
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                             APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: NO. 6569662el
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
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APPLICANT:
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                                                                                            TYPE: DNA ORGANISM: Homo sapiens FEATURE:
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Zhou, Ping
Ma, Yunqing
Wang, Dunrui
Wang, Zhiwei
John Tillinghast
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Liu, Chenghua
Asundi, Vinod
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Zhang, Jie
Ren, Feiyan
Chen, Rui-hong
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man, Tom
14.2%; Score 22;
100.0%; Pred. No.
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   0.008;
                DB 4;
              Length 1878;
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473 11 22;

TTTTCTATGCTCTCCCTGCTGG 32 TTTTCTATGCTCTCCCTGCTGG

494

Matches

Conservative

0;

Mismatches

0;

Indels

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Gaps

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US-09-326-203A-14

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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (209)
; OTHER INFORMATION: n at position 209 is unknown
US-09-326-203A-14
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US-09-949-016-2464
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LENGTH: 1895
                                Sequence 2464, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                     Matches
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Best Local Similarity
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PRIOR TILING DATE: 1998-11-12
NUMBER OF SEQ ID NOS: 46
COPTUANTO
                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/165,042
CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 32
SOFTMARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                  LENGTH: 1976
TYPE: DNA
ORGANISM: Yeast
                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ISOLATION OF A GENE ENCODING DIACYLGLYCEROL TITLE OF INVENTION: ACYLTRANSFERASE FILE REFERENCE: 0575/56331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Lassner, Mike APPLICANT: Ruezinsky, Diane
   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sturley, Stephen L. APPLICANT: Oelkers, Peter
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INFORMATION:
ANT: VENTER, J.
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Acid Sequences
 Craig et al.
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Pred. No.
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Pred. No.
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; ORGANISM: Human
US-09-949-016-2464
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Sequence 14206, Application US/09949016
Patent No. 6812339
GRNERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION UNDER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2464
LENGTH: 2803
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Best Local Similarity
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SOFTWARE: FastSEQ for
SEQ ID NO 649
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 649, Application US/09949016 Patent No. 6812339
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Best Local
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CURRENT BEDLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR PILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 60/237,768 PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 4237
                                                                                                                                                                                                                                                                                1725 CTGCTGGCGCTGATGGGAGA 1744
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Pred. No.
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0.12;
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OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                              Length 4237;
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RESULT 8
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; LOCATION: (1)...(109378)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12391
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; NAME/KEY: misc_feature
; LOCATION: (1) ... (107941)
; OTHER INFORMATION: n = A,T,C
US-09-949-016-14206
                                                       Sequence 1843, Application US/09489039A Patent No. 6610836
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 12391
LENGTH: 109378
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Best Local Similarity
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
APPLICANT: Gary Breton et. al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Similarity 100.0%;
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%; Pred. No. 0.1
0; Mismatches
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Pred. No.
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0.16;
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0.16;
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US-09-902-540-1265
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; ORGANISM: Myxococcus xanthus
US-09-902-540-5476
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                                                                                                            APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome Seriel Reference: 38-10(15849)B
FILE REFERENCE: 38-10(15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION UNMER: 60/217,883
PRIOR FILING DATE: 2000-07-10
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CURRENT FILING DATE: 2000-01-27
PRIOR APPLICATION NUMBER: US 60/117,747
PRIOR FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 14342
SEQ ID NO 1843
LENGTH: 939
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CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 5476
LENGTH: 885
SEQ ID NO 1265
LENGTH: 29899
TYPE: DNA
ORGANISM: Myxococcus xanthus
S-09-902-540-1265
                                                                                                                                                                                                                                                                                                    Sequence 1265, Applic
Patent No. 6833447
GENERAL INFORMATION:
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GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
TITLE OF INVENTION: Myxococcus xanthus Genome
FILE REFERENCE: 38-10(15849)B
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                                                                                               NUMBER OF SEQ ID NOS: 16825
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es 19; Conserv
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100.0%; Pred. No.
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                                                                                                                                              ; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-5614
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR PILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
SEQ ID NO 5614
LENGTH: 1512
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 168695
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Best Local
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
PRIOR FILING DATE: 1998-07-27
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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CCTGCTGGCGCTGATGG 671
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                                                                       Conservative
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100.0%; Pr
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                                                                     Score 17; DB 4;
; Pred. No. 6.6;
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; Pred. No.
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Pred. No. 6.2;
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; Sequence 16501, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION
; FILE REFERENCE: CL001307
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                                                                                                                                                                     RESULT 15
                                                                                                                                                                                                                                                                                                                                                                                                   US-09-252-991A-5645
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GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS.
FTI.E REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
SEQ ID NO 5645
LENGTH: 2436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5645, Application US/09252991A Patent No. 6551795
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LENGTH: 2079
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Best Local
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CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27 NUMBER OF SEQ ID NOS: 33142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/094,190 PRIOR FILING DATE: 1998-07-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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1998-02-18
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100.0%; Pred. No.
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PRIOR PRICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER: OF SEQ ID NOS: 207012
SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16501
LENGTH: 30635
TYPE: DNA
ORGANISM: Human
US-09-949-016-16501
Search completed: Pebruary 9, 2005, 23:47:33 Job time : 110 secs
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Title:
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Maximum DB seq length: 200000000
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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/cgn2_6/ptodata/1/pubpna/USO7_NEW_PUB.seq:*
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/cgn2_6/ptodata/1/pubpna/USO8_NEW_PUB.seq:*
/cgn2_6/ptodata/1/pubpna/USO8_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*
/cgn2_6/ptodata/1/pubpna/USO9A_PUBCOMB.seq:*
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Sequence 2415, Ap	Sequence 11013, A	Sequence 625, App Sequence 6888, Ap	Sequence 625, App	Sequence 8657, Ap	Sequence 1775, Ap	Sequence 76. Appl	74	Description

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US-10-425-115-59275	US-10-357-930-11016	US-09-960-352-739	US-09-918-995-5789	US-09-803-719-816	US-09-803-719-1193	-10-085-783A-3865	US-10-242-535A-38655	US-10-357-930-1847	US-10-719-993-24525	US-10-719-993-24114	US-10-367-094-80	US-10-741-601-5727	US-10-684-422-97	US-10-282-122A-15579	US-10-424-599-129252	US-09-864-761-14992	US-09-864-761-16753	1415	US-09-864-761-30713	US-10-052-482-103	US-10-767-701-19335	US-10-282-122A-23461	US-09-873-367C-319	US-09-962-832-117	-10-803-482	US-10-394-808-4	-10-717	Ļ	US-10-278-733-9	US-10-278-733-2	US-10-659-800-1	US-10-040-315A-1	T-001-010-01
	Ф	739, A <u>r</u>		816, 7		38655,	38655,		Sequence 24525, A	241:	80,	572	Sequence 97, Appl	155	Sequence 129252,	ــ	Sequence 16753, A	14158	Sequence 30713, A	103,		23461	e 319,	117	4	4	47	14	9	2	e 1,	Sequence 1, Appli	-

## ALIGNMENTS

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RESULT 1
US-10-35-716-74
; Sequence 74, Application US/10355716
; Publication No. US20030216339A1
; GENERAL INFORMATION:
                                                                                                                                                                                                     COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/355,716

FILING DATE: 31-Jan-2003

CLASSIFICATION: <UNKnown>
                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/301,507
PILING DATE: 28-Apr-1999
ATTORNEY/AGENT INFORMATION:
NAME: POCLET, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 230018.40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO NUMBER OF SEQUENCES: 132
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Cynader, Max
Prasad, Shiv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Seattle
STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 98104-7092
                         230018.401C1
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TELEFAX: (206) 61 INFORMATION FOR SEQ ID NO:

TELEPHONE:

(206) 622-4900

682-6031 NO: 74:

SEQUENCE CHARACTERISTICS:

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RESULT 2
US-10-355-716-76
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US-10-355-716-76
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                    INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                    NAME: Potter, Jane E. R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 230018.401C1
TELECOMMUNICATION IMFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/10/355,716
FILING DATE: 31-Jan-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Cynader, Max
Prasad, Shiv
                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 132
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                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/301,507 FILING DATE: 28-Apr-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GNATTCTATCAGCTCACCCGTTGNTACAAGTGTAG 155
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 336 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                       STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Seed Intellectual Property Law Group PLLC STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Seattle
                                      TOPOLOGY: linear
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                 DESCRIPTION: SEQ ID NO: 76:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INVENTION: GENE SEQUENCES ASSOCIATED WITH NEURAL PLASTICITY AND METHODS RELATED THERETO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 155; DB 17; 100.0%; Pred. No. 5.1e-79;
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APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
FITTLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
FITTLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
FITTLE OF INVENTION: THERAPY OF EREAST CANCER
FILE REFERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FASTSEQ FOR WINDOWS Version 4.0
SEQ ID NO 8657
LENGTH: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REPERENCE: MRI-049
CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR PILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1775
LENGTH: 412
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FEATURE:
FEATURE:
NAME/KEY: misc feature
LOCATION: 3, 203, 293, 343, 398
OTHER INFORMATION: n = A,T,C or G
US-10-198-846-1775
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Best Local Similarity
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Best Local
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APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
                                                                                                                                                                                                                                                                                        APPLICANT: Lillie, James APPLICANT: Xu, Yongyao
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Lillie, James APPLICANT: Xu, Yongyao
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TYPE: DNA
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Wang, Youzhen
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100.0%; F.
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100.0%; Pred. No.
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APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Wang, Jian-Rui
APPLICANT: Wang, Jian-Rui
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Dunrui
APPLICANT: Tillinghast, John
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. US20030104529Alel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-860-2812
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US-10-723-860-2812
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                                                                                                                                                                                                                                                           APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Wehrman, Tom
                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 625, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2812, Application US/10723860 Publication No. US20040253606A1
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APPLICANT: Aziz, Natasha
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local :
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APPLICANT: Zlotnik, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
FILE REFERENCE: 05882.0193.NPUSGI
CURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
CURRENT FILING DATE: 2003-11-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
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NAME/KEY: misc_feature
LOCATION: 2, 7, 404, 454
OTHER INFORMATION: n = A,T,C or G
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ses 22; Conservative (
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; NAME/KEY: CDS
; LOCATION: (945)..(1229)
US-10-117-722-625
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US-10-117-722-625
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APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Zhang, Je
                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pt FL_genee Version 1.0
SEQ ID NO 625
                                                                       Query Match
Best Local Similarity
Matches 22; Conserv
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Best Local Similarity
Matches 22; Conserve
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PRIOR FILING DATE: 2000-01-21
NUMBER OF SRQ ID NOS: 1104
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 625
LENGTH: 1878
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/117,722
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/620,312
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR APPLICATION NUMBER: 09/488,725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Drmañac, Radoje T.
TITLE OF INVENTION: No. US20030219744A1el Nucleic Acids
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2BCIP
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                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: CDS
LOCATION: (945)..(1229)
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                                                                                                                                                                                                                                                                LENGTH: 1878
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473
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                   11 TTTTCTATGCTCTCCCTGCTGG 32
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TTTTCTATGCTCTCCCTGCTGG 494
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                                                                         Conservative
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                                                                                       14.2%; Score 22;
100.0%; Pred. No.
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                                                                         Mismatches
                                                                                         DB 17;
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                                                                                                           Length 1878;
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RESULT 8
US-10-723-860-6888
/ Sequence 6888, Application US/10723860
/ Publication No. US20040253606A1
/ GENERAL INFORMATION:

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RESULT 9
US-10-198-846-11013
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Publication No. US20030099974A1
GENERAL INFORMATION:
                                                                Query Match
Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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CURRENT APPLICATION NUMBER: US/10/723,860
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/198,846
CURRENT FILING DATE: 2002-07-18
PRIOR APPLICATION NUMBER: 60/306,220
PRIOR FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 14084
SOFTWARE: FASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Wang, Youzhen
APPLICANT: Steinmann, Kathleen
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT,
TITLE OF INVENTION: THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lillie, James
APPLICANT: Xu, Yongyao
APPLICANT: Wang, Youzher
APPLICANT: Steinmann, Ka
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc feature LOCATION: (650)...(669) OTHER INFORMATION: n is a,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                LOCATION: 2048, 2049, 2050, 2051, 2052, 2053, 2054, LOCATION: 2058, 2059, 2060, 2061 OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                   LOCATION: 1, 2, 3, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, LOCATION: 1839, 1840, 1841, 1842, 1844, 1844, 1846, 1847, 1848, LOCATION: 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1860, 2009, LOCATION: 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047 OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 1894
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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TTTTCTATGCTCTCCCTGCTGG 32
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Zlotnik, Albert
                                                                Conservative
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                                                         0;
                                                                                   Score 22; DB 14; 
; Pred. No. 0.03;
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Pred. No.
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                                                                Mismatches
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US-10-273-438-1

Sequence 1, Application US/10273438 Publication No. US20030072757A1 GENERAL INFORMATION:

APPLICANT: Farese, Robert V.

RESULT 12

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APPLICANT: Jones, Robert
APPLICANT: Harlocker, Suean L.
APPLICANT: Harlocker, Suean L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THE
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.497
CURRENT APPLICATION NUMBER: US/09/867,701
CURRENT FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 10912
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 5894
LENGTH: 371
TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                             APPLICANT: AGlate, Paul A.
APPLICANT: AGlate, Paul A.
APPLICANT: Jones, Robert
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THE
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 210121.497
CURRENT APPLICATION NUMBER: US/09/867,701
CURRENT APPLICATION NUMBER: US/09/867,701
CURRENT FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 10912
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2415
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US-09-867-701-5894
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                                                                                                                                           ; OTHER INFORMATION: n = A,T,C US-09-867-701-2415
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2415, Application US/09867701 Patent No. US20020132237A1
                                                                        Query Match
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                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                          FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(457)
                                                                                                                                                                                                                                 ORGANISM: Homo sapien
                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                   LENGTH:
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 32
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20; Conserv
                                                                      20;
                      CTGCTGGCGCTGATGGGAGA 45
 CTGCTGGCGCTGATGGGAGA
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                                                                        Conservative
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100.0%; Pred. No.
tive 0; Mismatc
                                                                                     12.9%; Score 20; DB 9; 100.0%; Pred. No. 0.42;
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Cases, Sylvaine

Steven

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LENGTH: 1411
TYPE: DNA
ORGANISM: homo sapiens
                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/10040315A
Publication No. US20030167483A1
                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/040,315A
CURRENT FILING DATE: 2001-10-29
PRIOR APPLICATION NUMBER: 60/107,771
PRIOR FILING DATE: 1998-11-09
PRIOR APPLICATION NUMBER: PCT/US98/17883
PRIOR FILING DATE: 1998-08-28
PRIOR FILING DATE: 1998-08-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Erickson, Sandra
TITLE OF INVENTION: Diacylglycerol O-Acyltransferase
FILE REFERENCE: UCAL-105CIP2
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TITLE OF INVENTION: Diacylglycerol O-Acyltransferase
FILE REFERENCE: UCAL-105CIP2
CURRENT APPLICATION NUMBER: US/10/273,438
CURRENT FILING DATE: 2002-10-16
CURRENT FILING DATE: 2002-10-16
                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 09/103,754
PRIOR FILING DATE: 1998-06-24
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                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-06-23
                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/339,472
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PRIOR APPLICATION NUMBER: 60/107,771
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Farese, Robert V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 1999-06-23
                                                                                                                                                                           TYPE: DNA ORGANISM: homo sapiens
                                                                                                                                                                                                                   ENGTH: 1411
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                                                                                             Local Similarity
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273
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                                 22 CTCCCTGCTGGCGCTGATGG 41
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20; Conserv
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                                                                            Conservative
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                                                    100.0%; Preu. ...
tive 0; Mismatches
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                                                                                                                  12.9%;
                                                                                               Score 20; ; Pred. No.
                                                                                                                  DB 16;
                                                                                             0.42;
                                                                            Indels
                                                                            <u>,</u>
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                                                                       Gaps
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RESULT 14

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; TYPE: DNA
; ORGANISM: homo sapiens
US-10-659-800-1
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                                                                                                                                                                                                       NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/10278733
Publication No. US20030100480A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 09/339,472
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/107,771
PRIOR FILING DATE: 1998-11-09
PRIOR APPLICATION NUMBER: PC/US98/17883
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: 09/103,754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: sebaceous glands
FILE REFERENCE: UCAL-105CIP4
CURRENT APPLICATION NUMBER: US/10/278,733
CURRENT FILING DATE: 2002-10-21
PRIOR APPLICATION NUMBER: 10/040,315
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2001-10-29
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TITLE OF INVENTION: Diacylglycerol O-Acyltransferase
FILE REFERENCE: UCAL-105CIP2CON2
CURRENT APPLICATION NUMBER: US/10/659,800
CURRENT FILING DATE: 2003-09-10
PRIOR APPLICATION NUMBER: 10/040,315
PRIOR FILING DATE: 2001-10-29
PRIOR FILING DATE: 2001-10-29
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APPLICANT: Cases,
APPLICANT: Smith,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/107,771
PRIOR FILING DATE: 1998-11-09
PRIOR APPLICATION NUMBER: PCT/US98/17883
PRIOR FILING DATE: 1998-08-28
PRIOR APPLICATION NUMBER: 09/103,754
PRIOR APPLICATION NUMBER: 09/339,472
PRIOR APPLICATION NUMBER: 09/339,472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Farese, Robert V Jr
TITLE OF INVENTION: Methods and compositions for modulating
TITLE OF INVENTION: sebaceous glands
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Smith, Stever APPLICANT: Chen, Hubert
                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 1998-06-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-06-23
NAME/KEY: CDS
LOCATION: (1)...(1467)
OTHER INFORMATION: Homo sapiens diacylglycerol O-acyltransferase
OTHER INFORMATION: homolog 1
                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                ENGTH: 1467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              273 CTCCCTGCTGGCGCTGATGG 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22 CTCCCTGCTGGCGCTGATGG 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Cases, Sylvaine
Smith, Steven
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Steven
                                                                                                                                                                                                                                for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.9%; Score 20; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 17; Length 1411;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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0;

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Query Match 12.9%; Score 20; DB 15; Length 1467;
Best Local Similarity 100.0%; Pred. No. 0.42;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 22 CTCCCTGCTGATGG 41
|||||||||||||
Db 579 CTCCCTGCTGGCGCTGATGG 598

Search completed: February 10, 2005, 00:28:26

Job time: 275 secs
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